

ABSTRACT

A solid electrolyte of the present invention is represented by a general formula: $\text{Li}_x\text{MO}_y\text{N}_z$, where M is at least one element selected from the group consisting of Si, B, Ge, Al, C, Ga and S, and x, y and z respectively satisfy $x = 0.6$ to 5.0, $y = 1.050$ to 3.985, and $z = 0.01$ to 0.50. The solid electrolyte hardly deteriorates in a wet atmosphere.